

CAMPANULA PLANT NAMED '10.02.277'

Latin name of genus and species of the plant claimed:

Campanula X haylodgensis sensu strictu hort

Variety denomination:

5 10.02.277

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar of
Campanula plant, botanically known as *Campanula X haylodgensis sensu*
strictu hort, commonly known as Bellflower, and hereinafter referred to by
10 the name '10.02.277'.

The new *Campanula*, '10.02.277', is a product of a planned breeding
program conducted by the Inventor, Gert K. Jensen, at PKM Nurseries in
Søhus, Denmark. The new *Campanula* originated as a mutant in a
production batch of an unnamed, proprietary selection of *Campanula X*
15 *haylodgensis sensu strictu hort* (unpatented). The Inventor selected the new
Campanula cultivar from the progeny of the above cross on the basis of its
compact and freely flowering habit with upright, pale blue flowers. Plants of
the new *Campanula* are more upright, compact, and more freely flowering
with larger flowers than the original cultivar.

Asexual reproduction of the new cultivar by terminal cuttings taken and propagated at PKM Nurseries in Søhus, Denmark, has shown that the unique features of this new *Campanula* are stable and reproduce true to type in many successive generations.

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SUMMARY OF THE INVENTION

Plants of the cultivar '10.02.277' have not been observed under all possible environmental conditions. The phenotype may vary somewhat with variations in environment such as temperature, light intensity, day length, and fertility level without, however, any variance in genotype.

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The following traits have been repeatedly observed and are determined to be the unique characteristics of '10.02.277'. These characteristics in combination distinguish '10.02.277' as a new and distinct cultivar:

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1. Upright plant habit;

2. Greater number of larger flowers per plant;

3. Vigorous growth habit, and less need for chemical growth retardation;

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4. Upright, pale blue double flowers; and

5. Balloon shaped flower buds.

Side-by-side comparisons between the instant plant and X
haylodgensis sensu strictu hort were conducted by the Inventor in Søhus,
5 Denmark. Plants of '10.02.277' differ from X *haylodgensis sensu strictu*
hort in the following characteristics:

1. Plants of '10.02.277' have more lateral branches and more upright
growth than plants of X *haylodgensis sensu strictu hort*.

10 2. Plants of '10.02.277' have differently shaped leaves than plants of
similar cultivars of X *haylodgensis sensu strictu hort*.

3. Plants of '10.02.277' have longer peduncles than plants of X
haylodgensis sensu strictu hort.

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4. Plants of '10.02.277' have lighter blue colored flowers than plants of X
haylodgensis sensu strictu hort.

5. Plants of '10.02.277' have more flowers per plant and larger flowers
than plants of X *haylodgensis sensu strictu hort*.

6. Plants of '10.02.277' have more upright flowers than plants of X
haylodgensis sensu strictu hort.

BRIEF DESCRIPTION OF THE DRAWINGS

5 The accompanying photographic drawings illustrate the overall
appearance of the new cultivar, showing the colors as true as it is
reasonably possible to obtain in colored reproductions of this type. Colors in
the photographs may differ slightly from the color values cited in the
detailed botanical description, which more accurately describe the actual
colors of '10.02.277'.

10 The first photographic drawing shows a side perspective view of a
typical flowering plant of '10.02.277' compared to X *haylodgensis sensu*
strictu hort as grown in 11 cm pots. The second photographic drawing
shows a close-up view of typical flowering racemes of '10.02.277' in
comparison with X *haylodgensis sensu strictu hort*.

15 DETAILED BOTANICAL DESCRIPTION

In the following description, color references are made to The Royal
Horticultural Society (RHS) Colour Chart, 4th edition, where general terms of
ordinary dictionary significance are used. Plants were grown under
greenhouse conditions. The plants described were about 14 weeks old after
20 cutting, as grown in 11 cm pots.

Parentage: Mutant of unnamed proprietary selection of *Campanula X haylodgensis sensu strictu hort* (unpatented)

Propagation:

- 5 Type cutting. Terminal vegetative cuttings.

Time to initiate roots: About 10 to 14 days at 18 to 21 C in tunnels in a greenhouse.

- 10 Root description: Fine, well branched.

Plant description:

- Form: Perennial plant with upright plant habit. Double, campanulate flowers in racemes. Freely branching with lateral branches forming at every
15 node, dense and bushy.

Crop time: After rooting, about 13 weeks are required to produce finished flowering plants in 11 cm pots.

- 20 Plant height (soil level to top of plant plane): About 20 cm.

Vigor: Vigorous growth rate

Foliage description: Basal leaves single, dentate, cordate, palmate venation.

Length: 20-30 mm. Width: About 25 mm. Shape: Cordate. Apex:

Truncate. Base: Cuspidate. Margin: broadly crenate. Texture: smooth,

5 glabrous, dull. No pubescence. Upper leaves (bracts): Single, entire,

Oblong. Tips acute, bases cuneate. Length: 25-30 mm. Width: 20 mm.

Color: Young foliage, upper and lower surfaces: from RHS 138A to RHS

138 C, green. Mature foliage, upper and lower surfaces: RHS 143 A and

RHS 138 B, respectively.

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Flower description:

Flower arrangement and shape: Double, hose in hose flowers in racemes;
campanulate flowers with small star shaped calyx.

15 Natural flowering season: Continuous throughout the spring and summer.

Season can be extended by vernalization and long day treatments.

Flower longevity on the plant: Longevity of individual flowers is highly
dependent on temperature and light conditions. Flowers persistent.

20 Inflorescence size: Length: about 14 cm.

Number of flowers per inflorescence: 8; about 500 flowers per plant

Flower buds: Upright balloon shape

Flowers: Upright. Depth: About 12 mm. Diameter: About 25 mm.

Lanceolate, acuminate petal lobes: 5 mm long and 8 mm wide. Young

corolla color: upper and lower surfaces, RHS 91 D and RHS 91 C,

5 respectively, pale blue violet; older petals upper and lower are RHS 97 D and
RHS 85 C, respectively.

Peduncle: Strength: moderately weak. Length: about 7-20 mm.

Diameter: about .2 mm. Color: RHS 138 A, light green

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Reproductive Organs: Pistil and stigma are contorted, same color as petals.

Weather tolerance: Plants of the new *Campanula* have exhibited good

tolerance to drought, rain and wind; low temperature resistant to - 20C.